Geometry honors problem sets

Angle and arc measures in circles

*(1-10) Find the measure of each numbered angle. is a tangent; .*

11. Write an equation involving a, b and c. 12. Find the ration of x to y.

 (a, b and c are the measures of the bold arcs) (x, y arc measures; n, 2n angle measures)



13. If , then ?

14. If , then ? and 

15. If , then ? and 

16. If  and , then ?

17. If and , then  ?

18. If  and , then ?